

Application No.: 10/706791 Customer No. 25291
Inventors: Christopher William Aston et al.
Attorney Docket No.: AM101119
Title: METHODS AND COMPOSITIONS FOR TREATING....

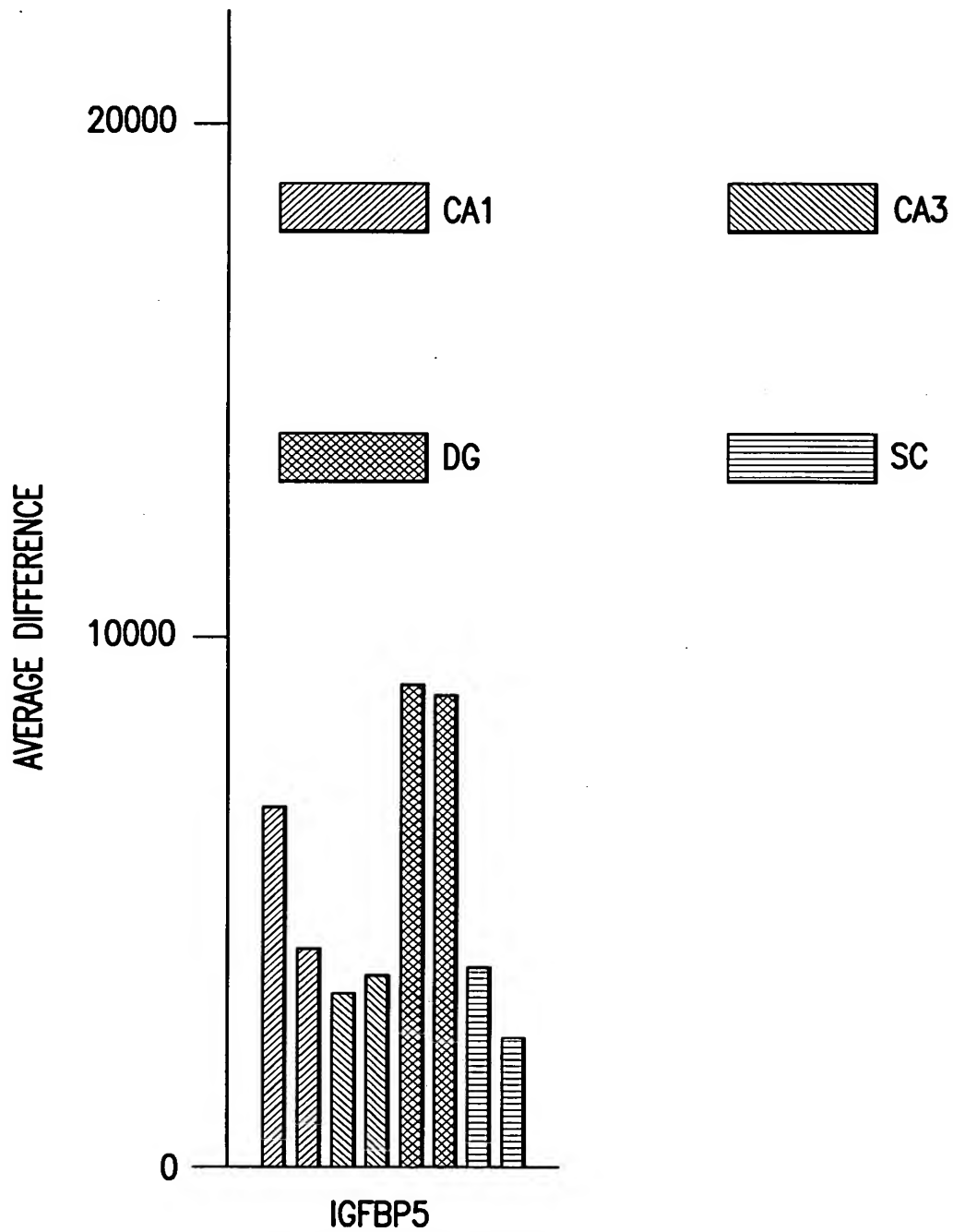


FIG.1

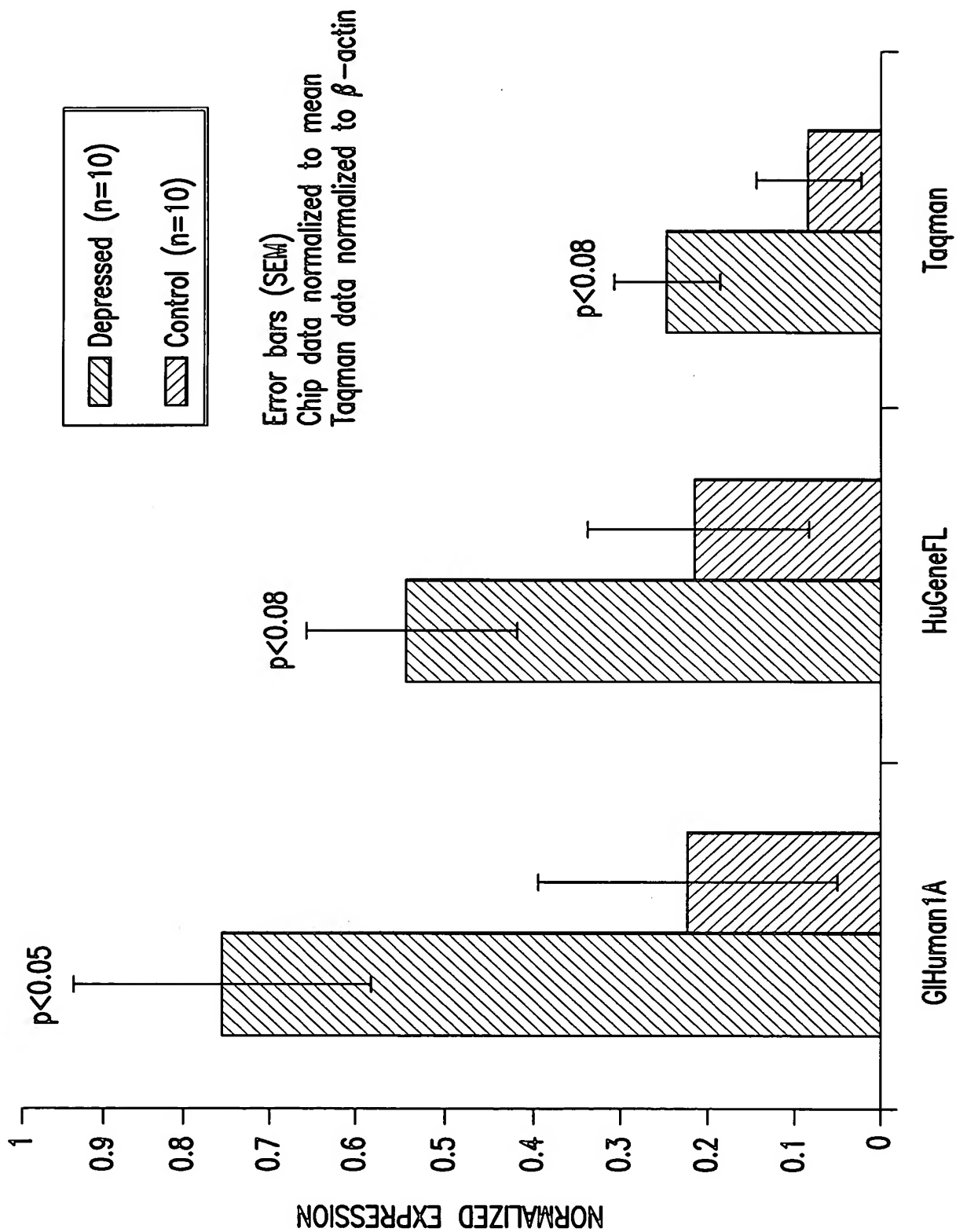


FIG.2

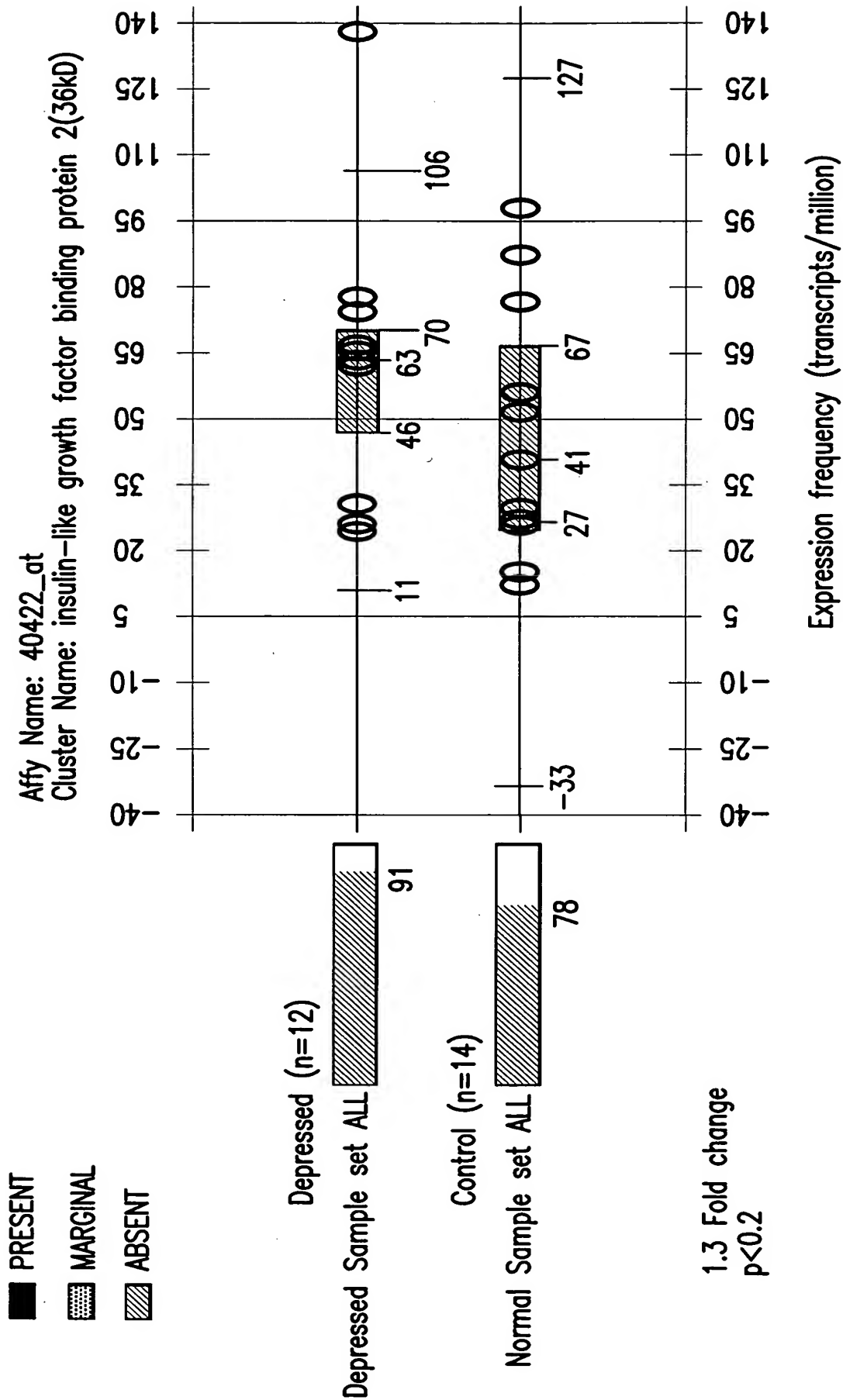


FIG.3

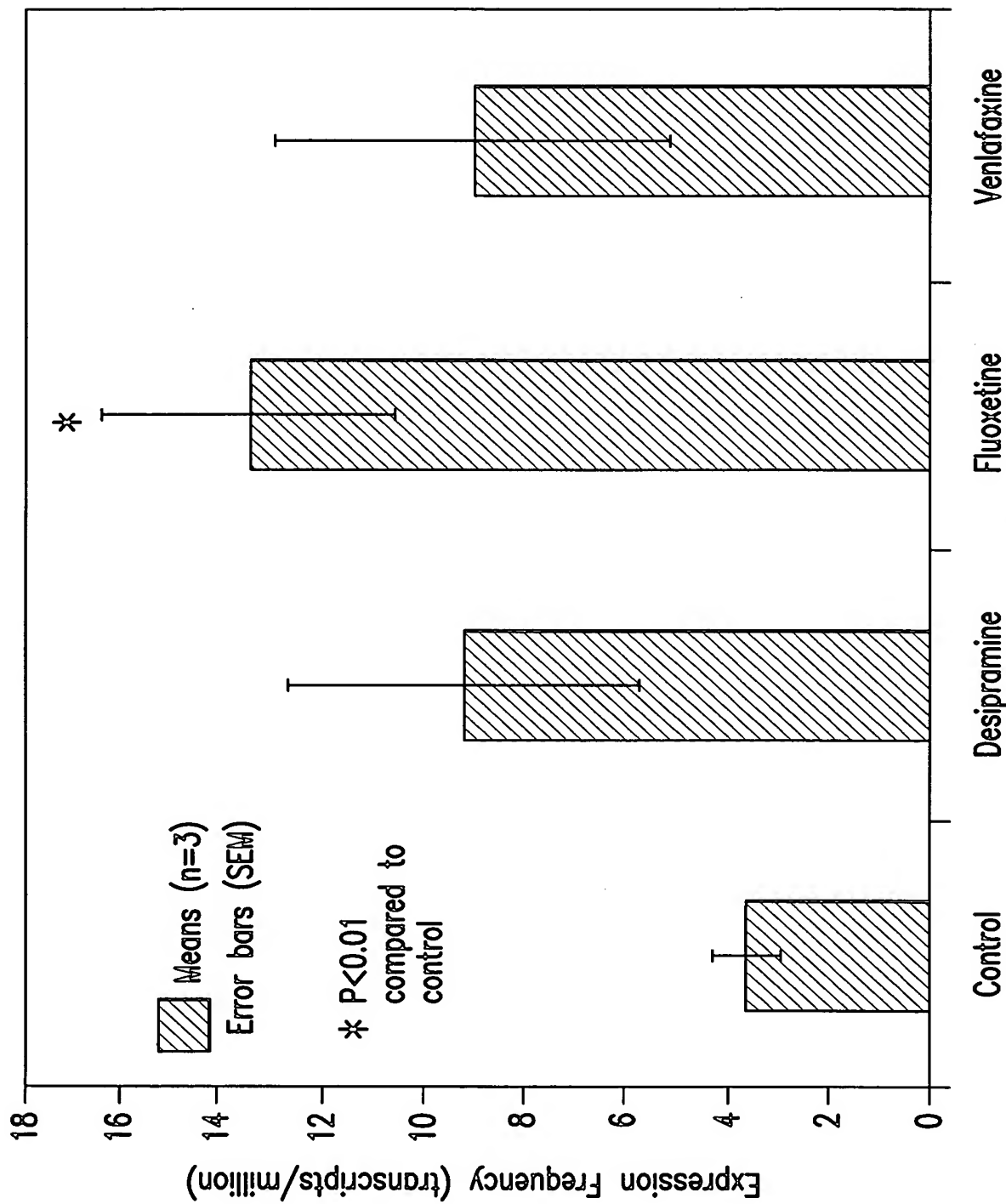


FIG.4

Original gel spot #	Protein Identity	Function	Venlafaxine (Fold change)	Fluoxetine (Fold change)	Accession#	MOWSE score	Protein Area Coverage	Mr/pl	Species
87	IGF-1 A precursor	GH is an important regulator of IGF-1 expression. Secreted/Growth-promoting activity.	2.9	2.5	<u>P08025</u>	7.07E+01	28%	17079/9.5	Rat

FIG.5

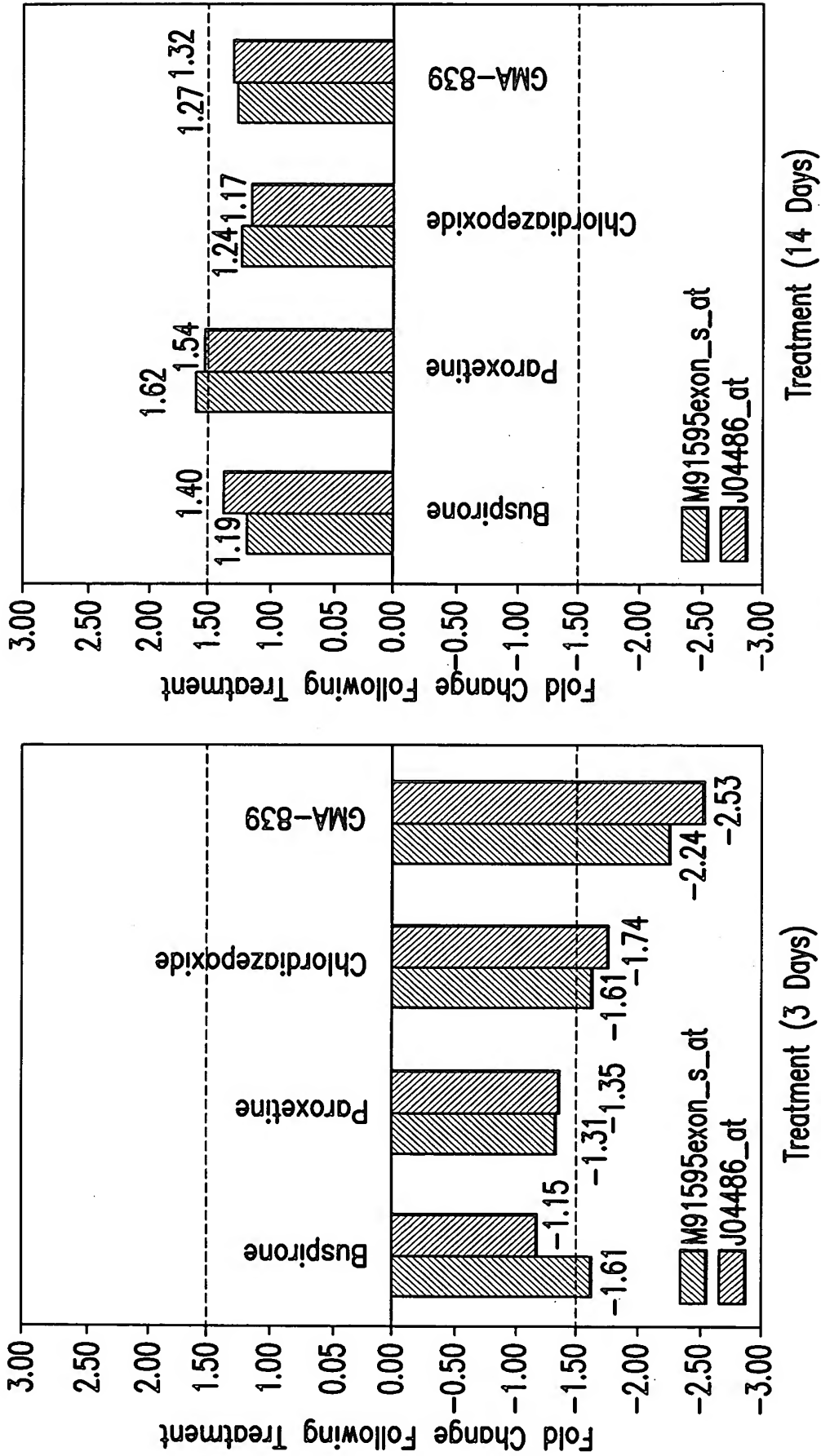


FIG.6

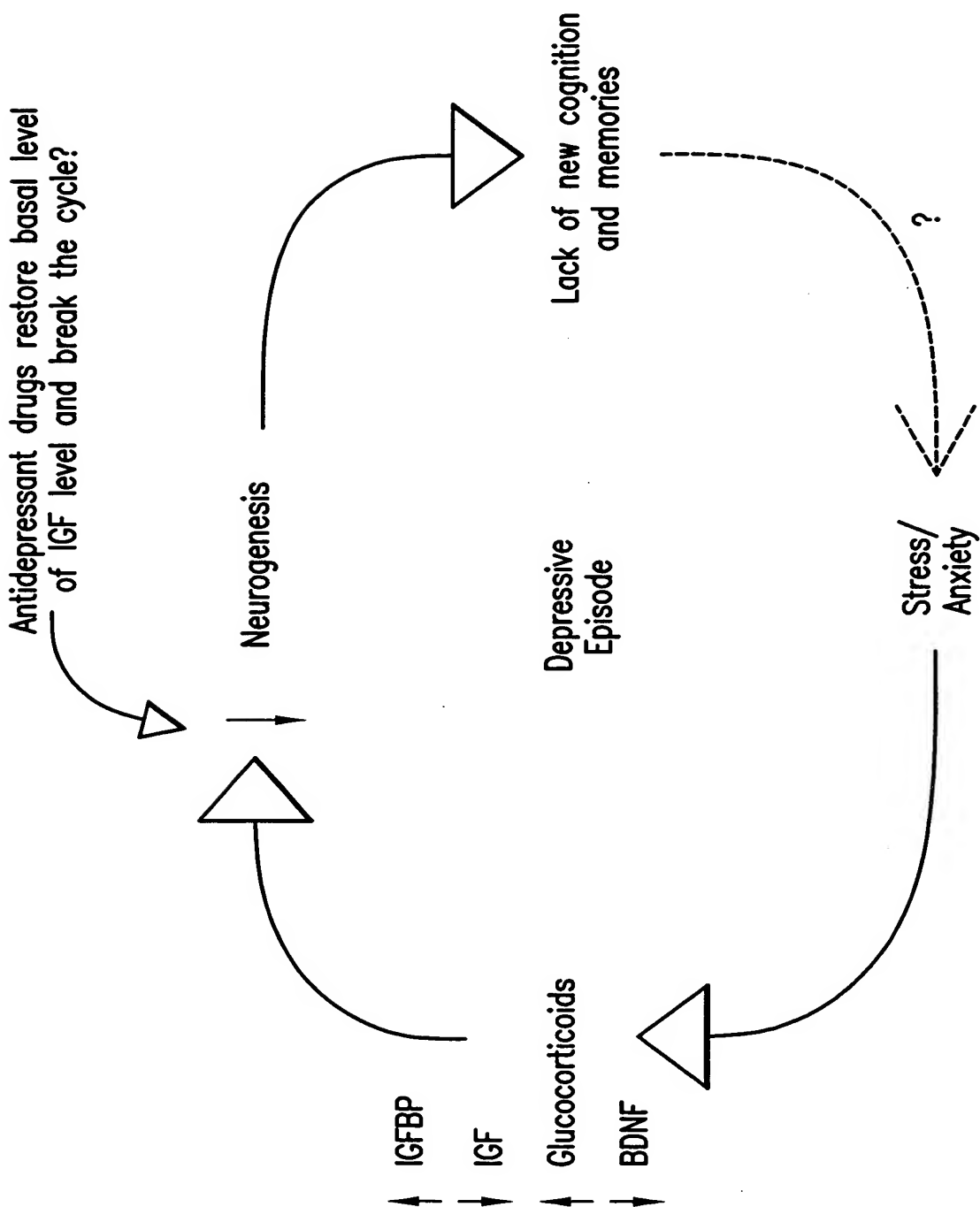


FIG.7

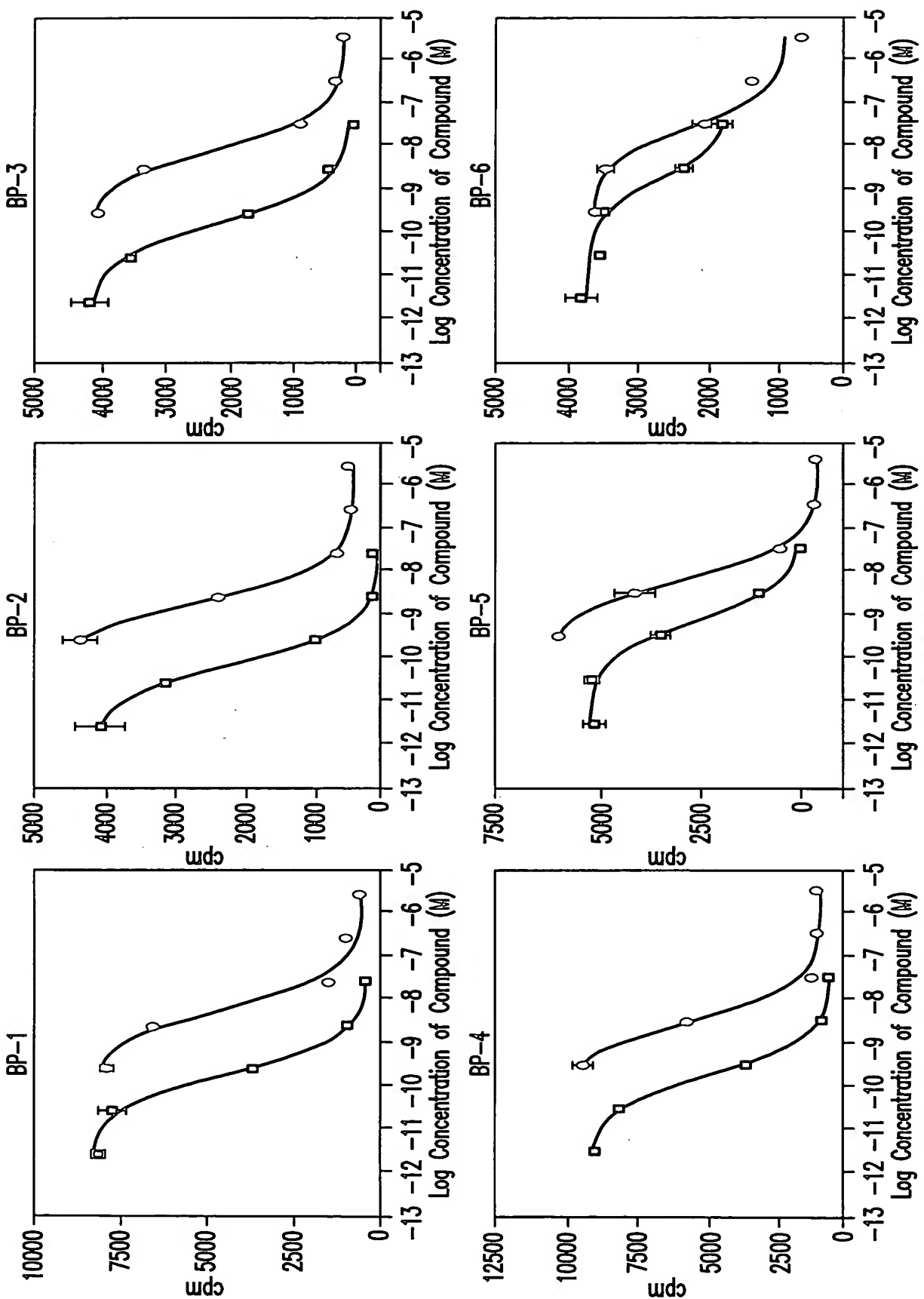


FIG. 8

1 50
IGFBP3_prote ~~~~MORAR PTLWAAALT LVLRLGPPVA RAGASSGGLG PVVRCEPCDA
IGFBP5_prote ~~~~MVLTA VLLLL...AA YAGPAQ.SLG SFVHCEPCDE
IGFBP2_prote MLPVVGCPAL PLPPPIPL PLLLLLLLGA SGGGGGARAE VLFRCPPCTP
IGFBP4_prote ~~~~MLPL CLVAALLLAA ..GPGPSLGD EAIHCPCPCSE
IGFBP1_prote ~~~~MLPL CLVAALLLAA ..GPGPSLGP EAIHCPCPCSE
IGFBP6_prote ~~~~MSEVPVAR VWLVLLLLTV QVG...VTAG APWQCAPCSA
IGFBP7_prote ~~~~MTPHRLPL LLLALLLAA SPG.....G ALARCPGCGQ

51 100
IGFBP3_prote RALAQCAPPAVCAE LVREPGCGCC LTCALSEGQP
IGFBP5_prote KALSMCPPSPLGC.E LVKEPGCGCC MTCALAEQGS
IGFBP2_prote ERLAACGPPP VAPPAVAAV AGGARMPCAE LVREPGCGCC SVCARLEGEA
IGFBP4_prote EKLARCRPPVGCEE LVREAGCGCC ATCAGLGMP
IGFBP1_prote EKLALCPPVSASCSE VTRSAGCGCC PMCALPLGAA
IGFBP6_prote GVQAGCP... ..GGCVEEED GGSPAEGCAE ...AEG.... ..CLRREGQE
IGFBP7_prote ~~~~

101 150
IGFBP3_prote CGIYTERCGS GLRCQSPDE ARPLQALLDG RGLCVNASAV SRLRAYLLPA
IGFBP5_prote CGVYTERCAQ GLRCLPRQDE EKPLHALLHG RGVCLNE... ..KSY....
IGFBP2_prote CGVYTPRCGQ GLRCYPHPS ELPLQALVMG EGTCEKRRDA EYG...ASPE
IGFBP4_prote CGVYTPRCGS GLRCYPPRGV EKPLHTLMHG QGVCMEL..A EIE...AIQE
IGFBP1_prote CGVATARCAR GLSCRALPGE QQPLHALTRG QGACVQESDA SAPHAAEAGS
IGFBP6_prote CGVYTPNCAP GLQCKPPKDD EAPLRALLLG RGRCLPAR... ..
IGFBP7_prote ~~~~

FIG.9A

151 200
IGFBP3_prote PPAPGNASES EEDRSAGSVE SPSVSS.THR VSDPK.FKPL HSKIIIIKKG
IGFBP5_proteREQV KIERDSREHE EPTTSEMAEE TYSPIFRPK HTRISELKAE
IGFBP2_prote QVADMGDDHS EGGLVENHVD STMNMLGGG SAGRKPLKSG MKELAVF...
IGFBP4_prote SLQPS...DKD EG.....D HPNNSFSPCS AHDRRLQ... .KHFAKI...
IGFBP1_prote PESPESTEIT EEELDNFH.LMAPS EEDHSILWDA ISTYDGSKAL
IGFBP6_prote ..APAVAE... ..E NPKESKPQAG TA.....
IGFBP7_prote ~~~~~

201 250
IGFBP3_prote HAKDSQRYKV DYSEQSTDQ N.....FS SESKRETEYG PCRREMEDTL
IGFBP5_prote AVKKDRRKLL TQSKFVGGAE NTAHPRIISA PEMRQSESEQ PCRRHMEASL
IGFBP2_proteREKV TEQHRQMGKG GKHLGLEEP KKLPPPART PCQQELDQVL
IGFBP4_proteRPRS T.....SG GKMKVNGAPR EDARVP.QG SCQSELHRAL
IGFBP1_prote HVTNIKKWK.E PCRIELYRVV
IGFBP6_proteRPQD VNRRDQQRNP GTSTTPSQPN SAGVQPTENG PCRRHLDVL
IGFBP7_prote ~~~~~

251 300
IGFBP3_prote NHLKFLNVLS PRA..... VHIPNCDKKG FYKKQCRPS KGRKRGFCWC
IGFBP5_prote QELKASPRMV PRA..... VYLPNCDRKG FYKRKQCKPS RGRKRIGICWC
IGFBP2_prote ERISTMRLPD ERGPLEHLYS LHIPNCDKHG LYNLKQCKMS LNGQRGECWC
IGFBP4_prote ERLAA...S QSRTHEDLYF IPIPNCDRNG NFHPKQCHPA LDGQRCKCWC
IGFBP1_prote ESLA...KA QETSGEETISK FYLPNCNKNG FYHSRQCETS MDGEAGLCWC
IGFBP6_prote QQL..... QTEVYRGAQT LVVPNCDHRG FYRKQRCSRSS QGQRRGPCWC
IGFBP7_prote ~~~~~

FIG.9B

U
9
G
L

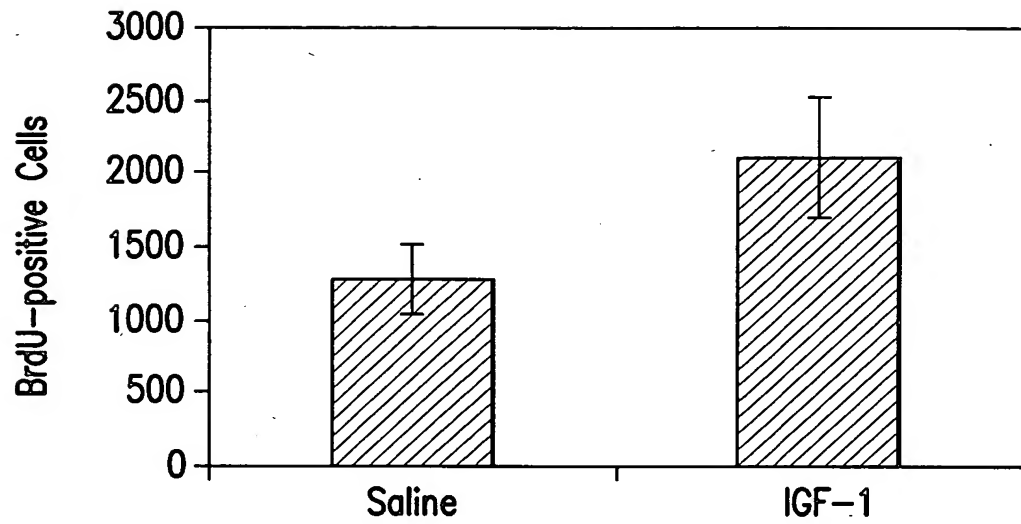


FIG.10